

REMEDIAL SITE ASSESSMENT DECISION - EPA REGION IV

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EPA ID: FLD984172163 Site Name: EVERGLADES FERTILIZER COMPANY FIRE-SITE

State ID:

Alias Site Names:

City: FT. LAUDERDALE

Refer to Report Dated:

County or Parish: BROWARD

State: FL

Report Developed By:

Report Type: SITE REASSESSMENT 001



1. Further Remedial Site Assessment Under CERCLA (Superfund) is not required because:



2. Further Assessment Needed Under CERCLA:

Low priority for further assessment

Discussion/Rationale:

Fertilizers and pesticides were apparently buried in place after a 1969 fire. The site acreage has been covered with 10 to 15 feet of compacted fill and an access ramp for Interstate 95 was built over a portion of the acreage. An environmental evaluation, including sampling of soils and ground water, was done prior to the construction of the ramp roadway. Soil samples contained elevated levels of creosotic compounds and pesticides. Ground water samples contained elevated levels of heavy metals and pesticide-associated organics. With the fire in 1969 and the ramp pre-construction sampling and analysis in 1991-1992, that leaves approximately 22 years between the stated observed release and the detection of contaminants in subsurface soils and ground water. It is possible that the same metals and pesticide-associated chemicals found at the Site would be found in the subsurface soils and ground water surrounding the Site given the high transmissivity of the Biscayne Aquifer & regular residential and commercial pesticide application, & the heavy total rainfall along the Florida coast. Further investigation and cleanup of the subsurface soils under the 1-95 access ramp are more appropriately handled by the State or the DOT..

This site is the same as the "Florida DEP SIS Everglades Fert Co." Site with a RCRA ID of FLD984262774.



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Site Decision Made by: TONY D'ANGELO

Signature: _____

Date: 03/06/2007